

Grat Bangalore Mahanagar Palike
Executive Engineer Project Division Yalahanka
Name of Work: Developments works to be under taken in Ward No.05 of BRMP around Solid Waste Disposal Processing unit Belahalli, Bagalur and Kattigeenahalli Byaterayanapura
Contingency

No	Description of items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
----	----------------------	------	----	--------	-------	-------	----------	------	--------

1. Repairing and refilling stone slabs of drains and pointing in L.M (1:3) (P.No.27/1 NO-5 A.K.P.W.D BR 2018-19)

	Basic rate	105.00							
	Area Weightage 6%	6.30							
	Total	111.30							
	Sqm								

	Chokkanahalli Mn Rd from Thanasandra Mn Rd	2	100.00	0.90			180.00		
	Basalingappa Mn Rd from Thanasandra Mn Rd	1	170.00	0.90			153.00		
	Chokkanahalli Layout	2	90.00	0.90			162.00		
	Cross Road 1	2	60.00	0.90			108.00		
	Cross Road 2	2	232.00	0.90			417.60		
	Mn Road from Thanasandra Mn Rd to School	2	210.00	0.90			378.00		
	Deduct 50% Missing						699.30		
	Damaged/Broken						1398.60		

	2	KSAR 300-1 Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (I No-19.1, P No-144)							
	Basic rate	130.00							
	Area Weightage 6%	7.80							
	Loading and Unloading & Lead	82.60							
	Total	220.40							
	Cum								

Chokkanahalli Mn Rd to Sampigeahalli Mn Rd

	Basalingappa Mn Rd from Thanasandra Mn Rd	5	8.00	1.80	1.00		72.00		
	Thurmenahalli Main Rd from Thanasandra Mn Rd to School	1	8.00	1.80	1.00		14.40		
	Culvert	3	8.00	1.80	1.00		43.20		
	Agrahara Layout Mn Rd from Thanasandra Main Road	3	8.0	1.80	1.00		43.20		
	Palanahalli Road Beside Lake	15	8.00	1.80	1.00		216.00		
	Belahalli Road	3	10.0	1.80	1.00		54.00		
	Vajram City Vijayaraja Estate Road	10	8.00	1.80	1.00		144.00		

	Deslit								
--	--------	--	--	--	--	--	--	--	--

ನಿರ್ದೇಶನಾಧೀನ ಕಾರ್ಯದ ವಿವರಣೆ
ಮಾನ್ಯತೆ

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Tetra grands Road		1	83.00	0.50	0.45	18.68		
Cross Road Tetra grands Road		1	170.00	0.50	0.45	38.25		
Chokkanahalli Mn Rd frmtthanisandra Mn Rd to Sampigehalli Mn Rd		2	50.00	0.50	0.45	22.50		
Ch:150.00m to 250.00m		2	100.00	0.60	0.40	48.00		
Basalingappa Mn Rd frm Thanisandra Mn Rd								
Chokkanahalli Layout		1	170.00	0.60	0.40	40.80		
Mn Road frm Thanisandra Rd								
Cross Road-1		2	610.00	0.50	0.35	213.50		
Cross Road-2		2	90.00	0.50	0.35	31.50		
Cross Road-3		2	60.00	0.50	0.35	21.00		
		2	140.00	0.50	0.35	49.00		
Cross Road-4		2	60.00	0.50	0.35	21.00		
Cross Road-5		2	60.00	0.50	0.35	21.00		
Cross Road-6		2	60.00	0.50	0.35	21.00		
Cross Road-7		2	50.00	0.50	0.35	17.50		
Cross Road-8		2	65.00	0.50	0.35	22.75		
Cross Road-9		2	85.00	0.50	0.35	29.75		
Thirumenahalli Main Roa frm Thanisandra Main Rd to School		2	60.00	0.50	0.35	21.00		
Mn Road frm								
		2	232.00	0.60	0.40	111.36		
		2	210.00	0.60	0.40	100.80		
Agrahara Layout Mn Rd frm Thanisandra Main Road								
Kattigenahalli Mn Rd 1st Mn		2	700.0	0.50	0.40	280.00		
		2	350.0	0.50	0.40	140.00		
Vajram City VijayaRaja Estate Road		2	320.0	0.50	0.40	128.00		
RCC Drain		2	327.00	0.50	0.40	130.80		
Green Land Layout Mn Rd								
Srirampura Mn Rd		2	460.00	1.10	1.00	1012.00		
LHS								
		1	280.00	1.10	1.00	308.00		
		1	170.00	1.10	1.00	187.00		
		1	170.00	1.10	1.00	187.00		
		1	134.00	1.10	1.00	147.40		
RHS		1	210.00	1.10	1.00	231.00		
		1	280.00	1.10	1.00	308.00		
		1	170.00	1.10	1.00	187.00		
Lead Off		1	170.00	1.10	1.00	187.00		
LHS								
		1	220.00	1.10	1.00	242.00		
RHS		1	125.00	1.10	1.00	137.50		
KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220Kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms, thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. (P.No-13,1 No-4.2,KPWD SR 2018-19)						4662.09	220.40	1027523.53
Basic rate	5194.00							
Area Weightage 6%	311.64							

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Total	5505.64							
Cum								
Chokkanahalli Mn Rd frn thanisandra Mn Rd to Sampigehalli Mn Rd								
Culvert		5	8.00	1.80	0.15	10.80		
Basalingappa Mn Rd frn Thanisandra Mn Rd								
Culvert		1	8.00	1.50	0.15	1.80		
Thirumenahalli Main Roa frn Thanisandra Main Rd to School								
Culvert		3	8.00	1.80	0.15	6.48		
Agrahara Layout Mn Rd frn Thanisandra Main Road								
Culvert		3	8.0	1.80	0.15	6.48		
Palanahalli Road Beside Lake		15	8.00	1.80	0.15	32.40		
Belahalli Road		3	10.0	1.80	1.00	54.00		
Vajram City VijayaRaja Estate Road		10	8.00	1.80	0.15	21.60		
RCC Drain								
Green Land Layout Mn Rd		2	460.00	1.10	0.15	151.80		
Srirampura Mn Rd								
LHS		1	280.00	1.10	0.15	46.20		
		1	170.00	1.10	0.15	28.05		
		1	170.00	1.10	0.15	28.05		
		1	134.00	1.10	0.15	22.11		
		1	210.00	1.10	0.15	34.65		
RHS		1	280.00	1.10	0.15	46.20		
		1	170.00	1.10	0.15	28.05		
		1	170.00	1.10	0.15	28.05		
Lead Off								
LHS		1	220.00	1.10	0.15	36.30		
RHS		1	125.00	1.10	0.15	20.63		
						603.65	5505.64	3323452.06
4 Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications do- Wall & bottom thickness 15cm (I No-37.59.2,P No-271,KPWD SR 2018-19)								
Basic rate	6670.00							
Area Weightage 6%	400.20							
Total	7070.20							
Culverts Raft	Cum							
Chokkanahalli Mn Rd frn thanisandra Mn Rd to Sampigehalli Mn Rd								
		5	8.00	1.50	0.23	13.80		
Basalingappa Mn Rd frn Thanisandra Mn Rd								
		1	8.00	1.50	0.23	2.76		
Thirumenahalli Main Roa frn Thanisandra Main Rd to School								
Culvert		3	8.00	1.50	0.23	8.28		
Agrahara Layout Mn Rd frn Thanisandra Main Road								
Culvert		3	8.0	1.50	0.23	8.28		
Palanahalli Road Beside Lake		15	8.00	1.50	0.23	41.40		
Belahalli Road		3	10.0	1.50	1.00	45.00		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Vajram City VijayaRaja Estate Road		10	8.00	1.50	0.23	27.60		
Oververts Wall								
Hokkanahalli Mn Rd from thanisandra Mn Rd to Sampigehalli Mn Rd		10	8.00	0.23	0.75	13.80		
Basalingappa Mn Rd from Thanisandra Mn Rd		2	8.00	0.23	0.75	2.76		
Hirumenahalli Main Road from Thanisandra Main Rd to School		6	8.00	0.23	0.75	8.28		
Culvert								
Agrahara Layout Mn Rd from Thanisandra Main Road		6	8.0	0.23	0.75	8.28		
Culvert								
Palanahalli Road Beside Lake		30	8.00	0.23	0.75	41.40		
Belahalli Road		6	10.0	0.23	0.75	10.35		
Vajram City VijayaRaja Estate Road		20	8.00	0.23	0.75	27.60		
						259.59		
CC Drain Raft								
Green Land Layout Mn Rd		2	460.00	0.90	0.10	82.80		
Srirampura Mn Rd								
LHS		1	280.00	0.90	0.10	25.20		
		1	170.00	0.90	0.10	15.30		
		1	170.00	0.90	0.10	15.30		
		1	134.00	0.90	0.10	12.06		
		1	210.00	0.90	0.10	18.90		
RHS		1	280.00	0.90	0.10	25.20		
		1	170.00	0.90	0.10	15.30		
		1	170.00	0.90	0.10	15.30		
Lead Off								
LHS		1	220.00	0.90	0.10	19.80		
RHS		1	125.00	0.90	0.10	11.25		
CC Drain Wall								
Green Land Layout Mn Rd		4	460.00	0.10	0.75	138.00		
LHS		2	280.00	0.10	0.75	42.00		
		2	170.00	0.10	0.75	25.50		
		2	170.00	0.10	0.75	25.50		
		2	134.00	0.10	0.75	20.10		
		2	210.00	0.10	0.75	31.50		
RHS		2	280.00	0.10	0.75	42.00		
		2	170.00	0.10	0.75	25.50		
		2	170.00	0.10	0.75	25.50		
Lead Off								
LHS		2	220.00	0.10	0.75	33.00		
RHS		2	125.00	0.10	0.75	18.75		
						683.76		
						943.35	7070.20	6669673.17

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
4.9.2 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification (I No-28.8.2, P No-229)								
Basic rate							70250.00	
Area Weightage 6%							4215.00	
Total							74465.00	
Consider 90kg/Cum for Culvert	Tn	1	259.59	90.00			23363.10	
Consider 60kg/Cum for Drain	Tn	1	943.35	60.00			56601.00	
							79964.10	
SRB 5-14: Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m ³ having a minimum average compressive strength of 4.00 N/mm ² confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. (I No-5.26.2, P No-27)						79.96	74465.00	5954526.71
Basic rate	924.00							
Area Weightage 6%	55.44							
Total	979.44							
	Sqm							
Chokkanahalli Mn Rd from thanisandra Mn Rd to Sampigehalli Mn Rd								
Ch:150.00m to 250.00m		4	100.00		0.20	80.00		
						80.00	979.44	78,355.20
Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. - do - 10 cms thick (P.No-27, I No-5.31.1, KPWD SR 2018-19)								
Basic rate	912.00							
Area Weightage 6%	54.72							
Total	966.72							
Chokkanahalli Layout	Sqm							
Cross Road-1		2	40.00	0.90		72.00		
Cross Road-2		2	30.00	0.90		54.00		
						126.00	966.72	121806.72
8 Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting, including form work, cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete. (Data Rate)								
Data rate	2337.00							
	Sqm							
Chokkanahalli Mn Rd from thanisandra Mn Rd to Sampigehalli Mn Rd								
Ch:150.00m to 250.00m		2	50.00	0.90		90.00		
Basalingappa Mn Rd from Thanisandra Mn Rd								
		1	85.00	0.90		76.50		
Thirumenahalli Main Road from Thanisandra Main Rd to School								
Mn Road from		2	100.00	0.90		180.00		
		2	100.00	0.90		180.00		
CC Drain Top Covering Slab								
Green Land Layout Mn Rd		2	460.00	0.90		828.00		
Srirampura Mn Rd								

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
		1	280.00	0.90		252.00		
		1	170.00	0.90		153.00		
		1	170.00	0.90		153.00		
		1	134.00	0.90		120.60		
		1	210.00	0.90		189.00		
LHS		1	280.00	0.90		252.00		
		1	170.00	0.90		153.00		
		1	170.00	0.90		153.00		
Lead Off								
LHS		1	220.00	0.90		198.00		
RHS		1	125.00	0.90		112.50		
						3090.60	2337.00	7222732.20
Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of all materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
	Data rate	5418.00						
Culverts Raft	Sqm							
Chokkanahalli Mn Rd frmthanisandra Mn Rd to Sampigehalli Mn Rd								
		5	8.00	1.50		60.00		
Basalingappa Mn Rd frm Thanisandra Mn Rd								
		1	8.00	1.50		12.00		
Thirumenahalli Main Roa frm Thanisandra Main Rd to School								
Culvert		3	8.00	1.50		36.00		
Agrahara Layout Mn Rd frm Thanisandra Main Road								
Culvert		3	8.0	1.50		36.00		
Palanahalli Road Beside Lake		15	8.00	1.50		180.00		
Belahalli Road		3	10.0	1.50		45.00		
Vajram City VijayaRaja Estate Road		10	8.00	1.50		120.00		
						489.00	5418.00	2649402.00
KSRRB 300-46. Scarifying by mechanical means stone metal crust 50mm to 100mm thick by along with 20mm premix carpet / surface dressing and stacking of old serviceable materials including cost of all labour charges, HOM complete as per specifications.(I No-19.52,P No-147,KPWD SR 2018-19)								
	Basic rate	39.00						
	Area Weightage 6%	2.34						
	Total	41.34						
	Sqm							
Chokkanahalli Mn Rd frmthanisandra Mn Rd to Sampigehalli Mn Rd								
Ch:0.00m to 150.00m		1	150.00	3.00		450.00		
Ch:150.00m to 550.00m		1	400.00	2.00		800.00		
Ch:550.00m to 1250.00m		1	700.00	3.00		2100.00		
Thirumenahalli Main Roa frm Thanisandra Main Rd to School								
1st Cross Frm Mn Rd		1	102.00	6.00		612.00		
2nd Cross Frm Mn Rd		1	140.00	6.00		840.00		
Vajram City VijayaRaja Estate Road		1	327.00	7.00		2289.00		
						7091.00	41.34	293141.94

Description of Items	Unit	No	length	Width	Depth	Quantity	Rate	Amount
RRB M300-14, Excavation for roadwork in all types of soil by mechanical means including cutting, loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, sides and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specification MORTH Specification No.301loading and unloading with 10km ad= (I No-19, 14, P No-143, NPWD SR 2018-19)								
Basic rate	41.00							
Area Weightage 6%	2.46							
loading and Unloading & Lead	25.60							
Total	69.06							
	Cum							
Tetra grands Road		1	83.00	1.50	0.25	31.125		
		1	170.00	6.50	0.25	276.25		
		1	50.00	6.50	0.25	81.25		
Cross Road Tetra grands Road								
Pipe Cut Portion								
Chokkanahalli Mn Rd frmthanisandra Mn Rd to Sampigehalli Mn Rd								
Ch:0.00m to 150.00m		2	150.00	1.50	0.25	112.5		
Ch:150.00m to 550.00m		2	400.00	1.50	0.25	300.0		
Ch:550.00m to 1250.00m		2	700.00	1.50	0.25	525.0		
School Road		1	90.00	8.00	0.25	180.0		
Basalingappa Mn Rd frm Thanisandra Mn Rd		2	170.00	1.50	0.35	178.5		
Chokkanahalli Layout								
Mn Road frm Thanisandra Rd		2	610.00	1.50	0.35	640.5		
Cross Road-1		1	90.00	1.20	0.35	37.80		
Cross Road-2		1	60.00	1.20	0.35	25.20		
Cross Road-3		1	140.00	1.20	0.35	58.80		
		1	60.00	5.50	0.25	82.50		
Cross Road-4		1	60.00	5.50	0.25	82.50		
Cross Road-5		1	60.00	5.50	0.25	82.50		
Cross Road-6		1	50.00	1.20	0.35	21.00		
Cross Road-7		1	65.00	5.50	0.25	89.38		
Cross Road-8		1	85.00	5.50	0.25	116.88		
Cross Road-9		1	60.00	5.50	0.25	82.50		
Thirumenahalli Main Roa frm Thanisandra Main Rd to School								
Mn Road frm		2	232.00	1.50	0.35	243.60		
		1	210.00	6.00	0.35	441.00		
Agrahara Layout Mn Rd frm Thanisandra Main Road								
		2	700.0	1.50	0.35	735.00		
Opposite Reva College Beside Petrol bunk Rd								
		1	200.0	4.20	0.20	168.00		
Palanahalli Road Beside Lake		1	580.0	6.00	0.20	696.00		
Warrior Tower Cross Road		1	50.0	6.00	0.30	90.00		
Kattigenahalli Village Road		1	748.0	1.50	0.35	392.70		
Kattigenahalli Mn Rd 1st Mn		1	350.0	1.50	0.35	183.75		
		1	320.0	1.50	0.35	168.00		
Green Land Layout Mn Rd		1	460.00	6.00	0.25	690.00		
Jakkur Railway Parallel Rd		1	390.00	6.00	0.30	702.00		
Lakshmathah Garden Mn Rd		1	410.00	5.50	0.30	676.50		
Srinivasa Garden Mn Rd		1	426.00	5.50	0.30	702.90		
Dwarakanagar								

Description of items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Cross Rd 1		1	180.00	1.20	0.30	64.80		
Cross Rd 2		1	160.00	1.20	0.30	57.60		
Cross Rd 3		1	150.00	1.20	0.30	54.00		
Cross Rd 4		1	140.00	1.20	0.30	50.40		
Cross Rd 5		1	120.00	1.20	0.30	43.20		
Cross Rd 6		1	100.00	1.20	0.30	36.00		
Cross Rd 7		1	85.00	1.20	0.30	30.60		
Cross Rd 8		1	140.00	1.20	0.30	50.40		
Cross Rd 9		1	150.00	1.20	0.30	54.00		
Cross Rd 10		1	160.00	1.20	0.30	57.60		
Vinayakanagar								
Cross Rd 1		1	200.00	1.20	0.30	72.00		
Cross Rd 2		1	170.00	1.20	0.30	61.20		
Cross Rd 3		1	85.00	1.20	0.30	30.60		
Cross Rd 4		1	130.00	1.20	0.30	46.80		
Cross Rd 5		1	140.00	1.20	0.30	50.40		
Cross Rd 6		1	120.00	1.20	0.30	43.20		
Cross Rd 7		1	160.00	1.20	0.30	57.60		
Cross Rd 8		1	70.00	1.20	0.30	25.20		
Cross Rd 9		1	65.00	1.20	0.30	23.40		
Cross Rd 10		1	95.00	1.20	0.30	34.20		
						9854.825	69.06	680574.21
12 KSRRB 300-58 Compaction of original ground by mechanical means including filling in depression occurring during rolling including cost of all labour, HOM complete as per specifications. (I No-19.64,P No-147,KPWD SR 2018-19)								
Basic rate	6.00							
Area Weightage 6%	0.36							
Total	6.36							
	Sqm							
Tetra grands Road		1	170.00	6.50		1105.00		
Cross Road Tetra grands Road		1	50.00	6.50		325.00		
School Road		1	90.00	8.00		720.00		
Chokkanahalli Layout								
Cross Road-3		1	60.00	5.50		330.00		
Cross Road-4		1	60.00	5.50		330.00		
Cross Road-5		1	60.00	5.50		330.00		
Cross Road-7		1	65.00	5.50		357.50		
Cross Road-8		1	85.00	5.50		467.50		
Cross Road-9		1	60.00	5.50		330.00		
Thirumenahalli Main Roa frm Thanisandra Main Rd to School								
Mn Road frm								
		1	210.00	6.00		1260.00		
1st Cross Frm Mn Rd		1	102.00	6.00		612.00		
2nd Cross Frm Mn Rd		1	140.00	6.00		840.00		
Opposite Reva College Beside Petrol bunk Rd								
		1	200.0	4.20		840.00		
Palanahalli Road Beside Lake		1	580.0	6.00		3480.00		
Warrior Tower Cross Road		1	50.0	6.00		300.00		
Vajram City VijayaRaja Estate Road		1	327.00	7.00		2289.00		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Open Land Layout Mn Rd		1	460.00	6.00		2760.00		
ekur Railway Parallel Rd		1	390.00	6.00		2340.00		
kshmaiah Garden Mn Rd		1	410.00	5.50		2255.00		
inivasa Garden Mn Rd		1	426.00	5.50		2343.00		
						23614.00	6.36	150185.04

SRRB M300-53. Construction of embankment with approved material Gravel/Murum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murum, watering charges & compaction by vibratory roller to 95% of modified proctors density.(I No-19.60,P No-147,KPWD SR 2018-19)

Basic rate	344.50							
Area Weightage 6%	20.67							
Total	365.17							
	Cum							
Palanahalli Road Beside Lake		1	580.0	6.00	0.30	1044.00	365.17	381237.48

4 Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.(I No-20.5,P No-153)

Basic rate	1882.00							
Area Weightage 6%	112.92							
Total	1994.92							
	Cum							
Tetra grands Road		1	83.00	1.50	0.20	24.9		
		1	170.00	6.50	0.15	165.75		
Cross Road Tetra grands Road		1	50.00	6.50	0.15	48.75		
Pipe Cut Portion								
Chokkanahalli Mn Rd frm thanisandra Mn Rd to Sampigehalli Mn Rd								
Ch:0.00m to 150.00m		2	150.00	1.50	0.20	90.00		
Ch:150.00m to 550.00m		2	400.00	1.50	0.20	240.00		
Ch:550.00m to 1250.00m		2	700.00	1.50	0.20	420.00		
Basalingappa Mn Rd frm Thanisandra Mn Rd								
		2	170.00	1.50	0.20	102.00		
Chokkanahalli Layout								
Mn Road frm Thanisandra Rd		2	610.00	1.50	0.20	366.00		
Cross Road-1		1	90.00	1.20	0.20	21.60		
Cross Road-2		1	60.00	1.20	0.20	14.40		
Cross Road-3		1	140.00	1.20	0.20	33.60		
Cross Road-4		1	60.00	5.50	0.15	49.50		
Cross Road-5		1	60.00	5.50	0.15	49.50		
Cross Road-6		1	60.00	5.50	0.15	49.50		
Cross Road-7		1	50.00	1.20	0.20	12.00		
Cross Road-8		1	65.00	5.50	0.15	53.63		
Cross Road-9		1	85.00	5.50	0.15	70.13		
Thirumenahalli Main Road frm Thanisandra Main Rd to School		1	60.00	5.50	0.15	49.50		
Mn Road		2	232.00	1.50	0.20	139.20		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Kahara Layout Mn Rd frm Thanisandra Main Road								
		2	700.0	1.50	0.20	420.00		
Opposite Reva College Beside Petrol bunk Rd								
		1	200.0	4.20	0.15	126.00		
Kalanahalli Road Beside Lake		1	580.00	6.00	0.15	522.00		
Warrior Tower Cross Road		1	50.00	6.00	0.15	45.00		
Kattigenahalli Village Road		1	748.0	1.50	0.20	224.40		
Kattigenahalli Mn Rd 1st Mn		1	350.0	1.50	0.20	105.00		
		1	320.0	1.50	0.20	96.00		
Green Land Layout Mn Rd		1	460.00	6.00	0.15	414.00		
Jakkur Railway Parallel Rd		1	390.00	6.00	0.15	351.00		
Lakshmalah Garden Mn Rd		1	410.00	5.50	0.15	338.25		
Srinivasa Garden Mn Rd		1	426.00	5.50	0.15	351.45		
Dwarakanagar								
Cross Rd-1		1	180.00	1.20	0.15	32.40		
Cross Rd-2		1	160.00	1.20	0.15	28.80		
Cross Rd-3		1	190.00	1.20	0.15	34.20		
Cross Rd-4		1	150.00	1.20	0.15	27.00		
Cross Rd-5		1	120.00	1.20	0.15	21.60		
Cross Rd-6		1	100.00	1.20	0.15	18.00		
Cross Rd-7		1	85.00	1.20	0.15	15.30		
Cross Rd-8		1	140.00	1.20	0.15	25.20		
Cross Rd-9		1	150.00	1.20	0.15	27.00		
Cross Rd-10		1	160.00	1.20	0.15	28.80		
Vinayakanagar								
Cross Rd-1		1	200.00	1.20	0.15	36.00		
Cross Rd-2		1	170.00	1.20	0.15	30.60		
Cross Rd-3		1	85.00	1.20	0.15	15.30		
Cross Rd-4		1	130.00	1.20	0.15	23.40		
Cross Rd-5		1	140.00	1.20	0.15	25.20		
Cross Rd-6		1	120.00	1.20	0.15	21.60		
Cross Rd-7		1	160.00	1.20	0.15	28.80		
Cross Rd-8		1	70.00	1.20	0.15	12.60		
Cross Rd-9		1	65.00	1.20	0.15	11.70		
Cross Rd-10		1	65.00	1.20	0.15	11.70		
						5468.25	1994.92	10908721.29
15 KSRRB M400-17. Providing, laying, spreading and compacting cushioned stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)								
Basic rate	1888.00							
Area Weightage 6%	113.28							
Total	2001.28							
	Cum							
Tetra grands Road		1	83.00	1.50	0.225	28.01		
		1	170.00	6.50	0.225	248.63		
Cross Road Tetra grands Road		1	50.00	6.50	0.225	73.13		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Chokkanahalli Mn Rd frn thanisandra Mn Rd to Sampigehalli Mn Rd								
0.00m to 150.00m		1	150.00	7.00	0.225	236.25		
150.00m to 550.00m		1	400.00	5.00	0.225	450.00		
550.00m to 1250.00m		1	700.00	7.00	0.225	1102.50		
School Road		1	90.00	8.00	0.225	162.00		
Kasalingappa Mn Rd frn Thanisandra Mn Rd								
		2	170.00	1.50	0.225	114.75		
Chokkanahalli Layout								
Mn Road frn Thanisandra Rd		2	610.00	1.50	0.225	411.75		
Cross Road-1		1	90.00	1.20	0.225	24.30		
Cross Road-2		1	60.00	1.20	0.225	16.20		
Cross Road-3		1	140.00	1.20	0.225	37.80		
		1	60.00	5.50	0.225	74.25		
Cross Road-4		1	60.00	5.50	0.225	74.25		
Cross Road-5		1	60.00	5.50	0.225	74.25		
Cross Road-6		1	50.00	1.20	0.225	13.50		
Cross Road-7		1	65.00	5.50	0.225	80.44		
Cross Road-8		1	85.00	5.50	0.225	105.19		
Cross Road-9		1	60.00	5.50	0.225	74.25		
Thirumenahalli Main Road frn Thanisandra Main Rd to School								
Mn Road		2	232.00	1.50	0.225	156.60		
		1	210.00	6.00	0.225	283.50		
1st Cross Frm Mn Rd		1	102.00	6.00	0.225	137.70		
2nd Cross Frm Mn Rd		1	140.00	6.00	0.225	189.00		
Agrahara Layout Mn Rd frn Thanisandra Main Road								
		2	700.0	1.50	0.225	472.50		
Opposite Reva College Beside Petrol bunk Rd								
		1	200.0	4.20	0.225	189.00		
Palanahalli Road Beside Lake		1	580.0	6.00	0.225	783.00		
Warrior Tower Cross Road		1	50.00	6.00	0.225	67.50		
Kattigenahalli Village Road		1	748.0	1.50	0.225	252.45		
Kattigenahalli Mn Rd 1st Mn		1	350.0	1.50	0.225	118.13		
		1	320.0	1.50	0.225	108.00		
Vajram City VijayaRaja Estate Road		1	327.00	7.00	0.225	515.03		
Green Land Layout Mn Rd		1	460.00	6.00	0.225	621.00		
Jakkur Railway Parallel Rd		1	390.00	6.00	0.225	526.50		
Lakshmaiah Garden Mn Rd		1	410.00	5.50	0.225	507.38		
Srinivasa Garden Mn Rd		1	426.00	5.50	0.225	527.18		
Dwarakanagar								
Cross Rd-1		1	180.00	1.20	0.225	48.60		
Cross Rd-2		1	160.00	1.20	0.225	43.20		
Cross Rd-3		1	190.00	1.20	0.225	51.30		
Cross Rd-4		1	150.00	1.20	0.225	40.50		
Cross Rd-5		1	120.00	1.20	0.225	32.40		
Cross Rd-6		1	100.00	1.20	0.225	27.00		
Cross Rd-7		1	85.00	1.20	0.225	22.95		
Cross Rd-8		1	140.00	1.20	0.225	37.80		
Cross Rd-9		1	150.00	1.20	0.225	40.50		
Cross Rd-10		1	160.00	1.20	0.225	43.20		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Mayakanagar								
Cross Rd-1		1	200.00	1.20	0.225	54.00		
Cross Rd-2		1	170.00	1.20	0.225	45.90		
Cross Rd-3		1	85.00	1.20	0.225	22.95		
Cross Rd-4		1	130.00	1.20	0.225	35.10		
Cross Rd-5		1	140.00	1.20	0.225	37.80		
Cross Rd-6		1	120.00	1.20	0.225	32.40		
Cross Rd-7		1	160.00	1.20	0.225	43.20		
Cross Rd-8		1	70.00	1.20	0.225	18.90		
Cross Rd-9		1	65.00	1.20	0.225	17.55		
Cross Rd-10		1	65.00	1.20	0.225	17.55		
						9568.69	2001.28	19149622.92
6 KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6)								
Basic rate	32.00							
Area Weightage 6%	1.92							
Total	33.92							
	Sqm							
Tetra grands Road		1	83.00	1.50		124.50		
		1	170.00	6.50		1105.00		
Cross Road Tetra grands Road		1	50.00	6.50		325.00		
Chokkanahalli Mn Rd frm thanisandra Mn Rd to Sampigehalli Mn Rd								
Ch:0.00m to 150.00m		1	150.00	7.00		1050.00		
Ch:150.00m to 550.00m		1	400.00	5.00		2000.00		
Ch:550.00m to 1250.00m		1	700.00	7.00		4900.00		
School Road		1	90.00	8.00		720.00		
Basalingappa Mn Rd frm Thanisandra Mn Rd								
		2	170.00	1.50		510.00		
Chokkanahalli Layout								
Mn Road frm Thanisandra Rd		2	610.00	1.50		1830.00		
Cross Road-1		1	90.00	1.20		108.00		
Cross Road-2		1	60.00	1.20		72.00		
Cross Road-3		1	140.00	1.20		168.00		
		1	60.00	5.50		330.00		
Cross Road-4		1	60.00	5.50		330.00		
Cross Road-5		1	60.00	5.50		330.00		
Cross Road-6		1	50.00	1.20		60.00		
Cross Road-7		1	65.00	5.50		357.50		
Cross Road-8		1	85.00	5.50		467.50		
Cross Road-9		1	60.00	5.50		330.00		
Thirumenahalli Main Roa frm Thanisandra Main Rd to School								
Mn Road frm		2	232.00	1.50		696.00		
		1	210.00	6.00		1260.00		
1st Cross Frm Mn Rd		1	102.00	6.00		612.00		
2nd Cross Frm Mn Rd		1	140.00	6.00		840.00		
Agrahara Layout Mn Rd frm Thanisandra Main Road								

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Opposite Reva College Beside Petrol bunk Rd		2	700.0	1.50		2100.00		
Alanahalli Road Beside Lake		1	200.0	4.20		840.00		
Warrior Tower Cross Road		1	580.0	6.00		3480.00		
Kattigenahalli Village Road		1	50.00	6.00		300.00		
Kattigenahalli Mn Rd 1st Mn		1	748.0	1.50		1122.00		
		1	350.0	1.50		525.00		
		1	320.0	1.50		480.00		
Vajram City VijayaRaja Estate Road		1	327.00	7.00		2289.00		
Green Land Layout Mn Rd		1	460.00	6.00		2760.00		
Jakkur Railway Parallel Rd		1	390.00	6.00		2340.00		
Lakshmaiah Garden Mn Rd		1	410.00	5.50		2255.00		
Srinivasa Garden Mn Rd		1	426.00	5.50		2343.00		
Dwarakanagar								
Cross Rd-1		1	180.00	1.20		216.00		
Cross Rd-2		1	160.00	1.20		192.00		
Cross Rd-3		1	190.00	1.20		228.00		
Cross Rd-4		1	150.00	1.20		180.00		
Cross Rd-5		1	120.00	1.20		144.00		
Cross Rd-6		1	100.00	1.20		120.00		
Cross Rd-7		1	85.00	1.20		102.00		
Cross Rd-8		1	140.00	1.20		168.00		
Cross Rd-9		1	150.00	1.20		180.00		
Cross Rd-10		1	160.00	1.20		192.00		
Vinayakanagar								
Cross Rd-1		1	200.00	1.20		240.00		
Cross Rd-2		1	170.00	1.20		204.00		
Cross Rd-3		1	85.00	1.20		102.00		
Cross Rd-4		1	130.00	1.20		156.00		
Cross Rd-5		1	140.00	1.20		168.00		
Cross Rd-6		1	120.00	1.20		144.00		
Cross Rd-7		1	160.00	1.20		192.00		
Cross Rd-8		1	70.00	1.20		84.00		
Cross Rd-9		1	65.00	1.20		78.00		
Cross Rd-10		1	65.00	1.20		78.00		
						42527.50	33.92	1442532.80
17 KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. (P.No-158,I No-21.12,KPWD SR 2018-19)								
	Basic rate	5.00						
	Area Weightage 6%	0.30						
	Total	5.30						
	Sqm							
Total BC Area						62938.00		
Total PC Area						42527.50		
BC- PC						20410.50		
						20410.50	5.30	108175.65

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
AND 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared tack topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (No-161,1 No-21.7)								
Basic rate	12.00							
Area Weightage 6%	0.72							
Total	12.72							
	Sqm							
Tetra grands Road		1	83.00	7.00		581.00		
Cross Road Tetra grands Road		1	170.00	6.50		1105.00		
Chokkanahalli Mn Rd frm thanisandra Mn Rd to Sampigehalli Mn Rd		1	50.00	6.50		325.00		
Ch:0.00m to 150.00m		1	150.00	7.00		1050.00		
Ch:150.00m to 550.00m		1	400.00	5.00		2000.00		
Ch:550.00m to 1250.00m		1	700.00	7.00		4900.00		
School Road		1	90.00	8.00		720.00		
Basalingappa Mn Rd frm Thanisandra Mn Rd								
		1	170.00	6.50		1105.00		
Chokkanahalli Layout								
Mn Road frm Thanisandra Rd		1	610.00	7.00		4270.00		
Cross Road-1		1	90.00	5.50		495.00		
Cross Road-2		1	60.00	5.50		330.00		
Cross Road-3		1	140.00	5.50		770.00		
		1	60.00	5.50		330.00		
Cross Road-4		1	60.00	5.50		330.00		
Cross Road-5		1	60.00	5.50		330.00		
Cross Road-6		1	50.00	5.50		275.00		
Cross Road-7		1	65.00	5.50		357.50		
Cross Road-8		1	85.00	5.50		467.50		
Cross Road-9		1	60.00	5.50		330.00		
Thirumenahalli Main Roa frm Thanisandra Main Rd to School								
Mn Road frm		1	232.00	6.50		1508.00		
		1	210.00	6.00		1260.00		
1st Cross Frm Mn Rd		1	102.00	6.00		612.00		
2nd Cross Frm Mn Rd		1	140.00	6.00		840.00		
Agrahara Layout Mn Rd frm Thanisandra Main Road								
		1	700.0	7.00		4900.00		
Palanahalli Road Beside Lake		1	580.0	6.00		3480.00		
Warrior Tower Cross Road		1	50.00	6.00		300.00		
Kattigenahalli Village Road								
		1	748.0	5.50		4114.00		
Opposite Reva College Beside Petrol bunk Rd								
		1	200.0	4.20		840.00		
Vajram City VijayaRaja Estate Road		1	327.00	7.00		2289.00		
Green Land Layout Mn Rd		1	460.00	6.00		2760.00		
Jakkur Railway Parallel Rd		1	390.00	6.00		2340.00		
Lakshmaiah Garden Mn Rd		1	410.00	5.50		2255.00		
Srinivasa Garden Mn Rd		1	426.00	5.50		2343.00		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Takanagar								
Cross Rd-1		1	180.00	5.00		900.00		
Cross Rd-2		1	160.00	5.20		832.00		
Cross Rd-3		1	190.00	5.20		988.00		
Cross Rd-4		1	150.00	5.50		825.00		
Cross Rd-5		1	120.00	5.10		612.00		
Cross Rd-6		1	100.00	5.00		500.00		
Cross Rd-7		1	85.00	4.80		408.00		
Cross Rd-8		1	140.00	4.80		672.00		
Cross Rd-9		1	150.00	5.00		750.00		
Cross Rd-10		1	160.00	5.00		800.00		
Vinayakanagar								
Cross Rd-1		1	200.00	4.80		960.00		
Cross Rd-2		1	170.00	4.80		816.00		
Cross Rd-3		1	85.00	4.80		408.00		
Cross Rd-4		1	130.00	4.50		585.00		
Cross Rd-5		1	140.00	5.20		728.00		
Cross Rd-6		1	120.00	5.00		600.00		
Cross Rd-7		1	160.00	4.60		736.00		
Cross Rd-8		1	70.00	4.40		308.00		
Cross Rd-9		1	65.00	4.60		299.00		
Cross Rd-10		1	65.00	4.60		299.00		
						62938.00	12.72	800571.36
19 KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revision using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No-160, I No-21.17.6)								
Basic rate		7008.00						
Area Weightage 6%		420.48						
Total		7428.48						
		Cum						
Tetra grands Road		1	83.00	1.50	0.05	6.23		
Cross Road Tetra grands Road		1	170.00	6.50	0.05	55.25		
Chokkanahalli Mn Rd frm thanisandra Mn Rd to Sampigehalli Mn Rd		1	50.00	6.50	0.05	16.25		
Ch:0.00m to 150.00m		1	150.00	7.00	0.05	52.50		
Ch:150.00m to 550.00m		1	400.00	5.00	0.05	100.00		
Ch:550.00m to 1250.00m		1	700.00	7.00	0.05	245.00		
School Road		1	90.00	8.00	0.05	36.00		
Basalingappa Mn Rd frm Thanisandra Mn Rd								
Chokkanahalli Layout		2	170.00	1.50	0.05	25.50		
Mn Road frm Thanisandra Rd								
Cross Road-1		2	610.00	1.50	0.05	91.50		
Cross Road-2		1	90.00	1.20	0.05	5.40		
Cross Road-3		1	60.00	1.20	0.05	3.60		
		1	140.00	1.20	0.05	8.40		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
		1	60.00	5.50	0.05	16.50		
		1	60.00	5.50	0.05	16.50		
		1	60.00	5.50	0.05	16.50		
		1	50.00	1.20	0.05	3.00		
		1	65.00	5.50	0.05	17.88		
		1	85.00	5.50	0.05	23.38		
		1	60.00	5.50	0.05	16.50		
Thirumenahalli Main Road from Thanisandra Main Rd to School								
		2	232.00	1.50	0.05	34.80		
		1	210.00	6.00	0.05	63.00		
		1	102.00	6.00	0.05	30.60		
		1	140.00	6.00	0.05	42.00		
Aghahara Layout Mn Rd from Thanisandra Main Road								
		2	700.0	1.50	0.05	105.00		
		1	580.0	6.00	0.05	174.00		
		1	50.00	6.00	0.05	15.00		
Opposite Reva College Beside Petrol bunk Rd								
		1	200.0	4.20	0.05	42.00		
		1	748.0	1.50	0.05	56.10		
		1	350.0	1.50	0.05	26.25		
		1	320.0	1.50	0.05	24.00		
		1	327.00	7.00	0.05	114.45		
		1	460.00	6.00	0.05	138.00		
		1	390.00	6.00	0.05	117.00		
		1	410.00	5.50	0.05	112.75		
		1	426.00	5.50	0.05	117.15		
Dwarakanagar								
		1	180.00	1.20	0.05	10.80		
		1	160.00	1.20	0.05	9.60		
		1	190.00	1.20	0.05	11.40		
		1	150.00	1.20	0.05	9.00		
		1	120.00	1.20	0.05	7.20		
		1	100.00	1.20	0.05	6.00		
		1	85.00	1.20	0.05	5.10		
		1	140.00	1.20	0.05	8.40		
		1	150.00	1.20	0.05	9.00		
		1	160.00	1.20	0.05	9.60		
Vinayakanagar								
		1	200.00	1.20	0.05	12.00		
		1	170.00	1.20	0.05	10.20		
		1	85.00	1.20	0.05	5.10		
		1	130.00	1.20	0.05	7.80		
		1	140.00	1.20	0.05	8.40		
		1	120.00	1.20	0.05	7.20		
		1	160.00	1.20	0.05	9.60		
		1	70.00	1.20	0.05	4.20		
		1	65.00	1.20	0.05	3.90		
		1	65.00	1.20	0.05	3.90		
						2126.38	7428.48	15795734.16

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)(P.No-171, I No-21,78.12)								
Basic rate	8207.00							
Area Weightage 6%	492.42							
Total	8699.42							
	Cum							
Tetra grands Road		1	83.00	7.00	0.04	23.24		
		1	170.00	6.50	0.03	33.15		
		1	50.00	6.50	0.03	9.75		
Cross Road Tetra grands Road								
Chokkanahalli Mn Rd frm thanisandra Mn Rd to Sampigehalli Mn Rd								
Ch:0.00m to 150.00m		1	150.00	7.00	0.03	31.50		
Ch:150.00m to 550.00m		1	400.00	5.00	0.03	60.00		
Ch:550.00m to 1250.00m		1	700.00	7.00	0.03	147.00		
School Road		1	90.00	8.00	0.03	21.60		
Basalingappa Mn Rd frm Thanisandra Mn Rd								
		1	170.00	6.50	0.04	44.20		
Chokkanahalli Layout								
Mn Road frm Thanisandra Rd		1	610.00	7.00	0.04	170.80		
Cross Road-1		1	90.00	5.50	0.04	19.80		
Cross Road-2		1	60.00	5.50	0.04	13.20		
Cross Road-3		1	140.00	5.50	0.04	30.80		
		1	60.00	5.50	0.03	9.90		
Cross Road-4		1	60.00	5.50	0.03	9.90		
Cross Road-5		1	60.00	5.50	0.03	9.90		
Cross Road-6		1	50.00	5.50	0.04	11.00		
Cross Road-7		1	65.00	5.50	0.03	10.73		
Cross Road-8		1	85.00	5.50	0.03	14.03		
Cross Road-9		1	60.00	4.50	0.03	8.10		
Thirumenahalli Main Road frm Thanisandra Main Rd to School								
Mn Road frm		1	232.00	6.50	0.04	60.32		
		1	210.00	6.00	0.03	37.80		
1st Cross Frm Mn Rd		1	102.00	6.00	0.03	18.36		
2nd Cross Frm Mn Rd		1	140.00	6.00	0.03	25.20		
Agrahara Layout Mn Rd frm Thanisandra Main Road								
		1	700.0	7.00	0.04	196.00		
Opposite Reva College Beside Petrol bunk Rd								
		1	200.0	4.20	0.03	25.20		
Palanahalli Road Beside Lake		1	580.0	6.00	0.03	104.40		
Warrior Tower Cross Road		1	50.00	6.00	0.03	9.00		
Kattigenahalli Village Road		1	748.0	5.50	0.04	164.56		
Kattigenahalli Mn Rd 1st Mn		1	350.0	6.70	0.04	93.80		
		1	320.0	6.00	0.04	76.80		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Jan City VijayaRaja Estate Road		1	327.00	7.00	0.03	68.67		
Jan Land Layout Mn Rd		1	460.00	6.00	0.03	82.80		
AKKUR Railway Parallel Rd		1	390.00	6.00	0.03	70.20		
akshmalah Garden Mn Rd		1	410.00	5.50	0.03	67.65		
anivasa Garden Mn Rd		1	426.00	5.50	0.03	70.29		
Dwarakanagar								
Cross Rd-1		1	180.00	5.00	0.04	36.00		
Cross Rd-2		1	160.00	5.20	0.04	33.28		
Cross Rd-3		1	190.00	5.20	0.04	39.52		
Cross Rd-4		1	150.00	5.50	0.04	33.00		
Cross Rd-5		1	120.00	5.10	0.04	24.48		
Cross Rd-6		1	100.00	5.00	0.04	20.00		
Cross Rd-7		1	85.00	4.80	0.04	16.32		
Cross Rd-8		1	140.00	4.80	0.04	26.88		
Cross Rd-9		1	150.00	5.00	0.04	30.00		
Cross Rd-10		1	160.00	5.00	0.04	32.00		
Vinayakanagar								
Cross Rd-1		1	200.00	4.80	0.04	38.40		
Cross Rd-2		1	170.00	4.80	0.04	32.64		
Cross Rd-3		1	85.00	4.80	0.04	16.32		
Cross Rd-4		1	130.00	4.50	0.04	23.40		
Cross Rd-5		1	140.00	5.20	0.04	29.12		
Cross Rd-6		1	120.00	5.00	0.04	24.00		
Cross Rd-7		1	160.00	4.60	0.04	29.44		
Cross Rd-8		1	70.00	4.40	0.04	12.32		
Cross Rd-9		1	65.00	4.60	0.04	11.96		
Cross Rd-10		1	65.00	4.60	0.04	11.96		
						2370.68	8699.42	20623541.01
21 KSRRB MB00-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)								
Basic rate	429.00							
Area Weightage 6%	25.74							
Total	454.74							
	Sqm							
Tetra grands Road		2.5	83.00	0.10		20.75		
Cross Road Tetra grands Road		2.5	170.00	0.10		42.50		
Chokkanahalli Mn Rd frm thanisandra Mn Rd to Sampigehalli Mn Rd		2.5	50.00	0.10		12.50		
Ch:0.00m to 150.00m		2.5	150.00	0.10		37.50		
Ch:150.00m to 550.00m		2.5	400.00	0.10		100.00		
Ch:550.00m to 1250.00m		2.5	700.00	0.10		175.00		
School Road		2.5	90.00	0.10		22.50		
Basalingappa Mn Rd frm Thanisandra Mn Rd								

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
		2.5	170.00	0.10		42.50		
Jakkanaahalli layout								
1 Road frm Thanisandra Rd		2.5	610.00	0.10		152.50		
Cross Road-1		2.5	90.00	0.10		22.50		
Cross Road-2		2.5	60.00	0.10		15.00		
Cross Road-3		2.5	140.00	0.10		35.00		
		2.5	60.00	0.10		15.00		
Cross Road-4		2.5	60.00	0.10		15.00		
Cross Road-5		2.5	60.00	0.10		15.00		
Cross Road-6		2.5	50.00	0.10		12.50		
Cross Road-7		2.5	65.00	0.10		16.25		
Cross Road-8		2.5	85.00	0.10		21.25		
Cross Road-9		2.5	60.00	0.10		15.00		
Thirumenahalli Main Roa frm Thanisandra Main Rd to School								
Mn Road frm		2.5	232.00	0.10		58.00		
		2.5	210.00	0.10		52.50		
1st Cross Frm Mn Rd		2.5	102.00	0.10		25.50		
2nd Cross Frm Mn Rd		2.5	140.00	0.10		35.00		
Agrahara Layout Mn Rd frm Thanisandra Main Road								
		2.5	700.0	0.10		175.00		
Opposite Reva College Beside Petrol bunk Rd								
		2.5	200.0	0.10		50.00		
Palanahalli Road Beside Lake		2.5	580.0	0.10		145.00		
Warrior Tower Cross Road		2.5	50.00	0.10		12.50		
Kattigenahalli Village Road		2.5	748.0	0.10		187.00		
Kattigenahalli Mn Rd 1st Mn		2.5	350.0	0.10		87.50		
		2.5	320.0	0.10		80.00		
Vajram City VijayaRaja Estate Road		2.5	327.00	0.10		81.75		
Green Land Layout Mn Rd		2.5	460.00	0.10		115.00		
Jakkur Railway Parallel Rd		2.5	390.00	0.10		97.50		
Lakshmaiah Garden Mn Rd		2	410.00	0.10		82.00		
Srinivasa Garden Mn Rd		2	426.00	0.10		85.20		
Dwarakanagar								
Cross Rd-1		2	180.00	0.10		36.00		
Cross Rd-2		2	160.00	0.10		32.00		
Cross Rd-3		2	190.00	0.10		38.00		
Cross Rd-4		2	150.00	0.10		30.00		
Cross Rd-5		2	120.00	0.10		24.00		
Cross Rd-6		2	100.00	0.10		20.00		
Cross Rd-7		2	85.00	0.10		17.00		
Cross Rd-8		2	140.00	0.10		28.00		
Cross Rd-9		2	150.00	0.10		30.00		
Cross Rd-10		2	160.00	0.10		32.00		
Vinayakanagar								
Cross Rd-1		2	200.00	0.10		40.00		
Cross Rd-2		2	170.00	0.10		34.00		
Cross Rd-3		2	85.00	0.10		17.00		
Cross Rd-4		2	130.00	0.10		26.00		
Cross Rd-5		2	140.00	0.10		28.00		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
10		1	120.00	0.10		24.00		
11		1	100.00	0.10		22.00		
12		1	70.00	0.10		14.00		
13		1	85.00	0.10		17.00		
14		1	65.00	0.10		13.00		
						2685.70	454.74	1221295.22

15 M/M 24 Dismantling of cement concrete pavement by mechanical means using pneumatic
 breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations
 disposal of dismantled materials upto a lead of 1000 meters, stacking serviceable and
 unusable materials separately complete as per specifications. MORTH Specification No. 202 (I No
 2.0 No 140)

Basic rate	899.00							
Area Weightage 6%	53.94							
Sub Total -	952.94							
6km Lead = (2*1.28*8)	20.48							
Total Rate Rs -	973.42							
	Cum							
New Naga West Side								
		1	40.00	3.50	0.20	28.00		
		1	55.00	3.80	0.20	41.80		
		1	60.00	4.00	0.20	48.00		
		1	40.00	3.20	0.20	25.60		
		1	35.00	3.00	0.20	21.00		
		1	28.00	2.70	0.20	15.12		
New Naga East Side								
		1	120.00	4.50	0.20	108.00		
Cross Road-1		1	40.00	4.00	0.20	32.00		
Cross Road-2		1	40.00	4.00	0.20	32.00		
Cross Road-3		1	40.00	4.00	0.20	32.00		
Cross Road-4		1	40.00	4.00	0.20	32.00		
Cross Road-5		1	40.00	4.00	0.20	32.00		
Cross Road-6		1	40.00	4.00	0.20	32.00		
Cross Road-7		1	40.00	4.00	0.20	32.00		
Cross Road-8		1	40.00	4.00	0.20	32.00		
Cross Road-9		1	40.00	4.00	0.20	32.00		
RHS		1	40.00	4.00	0.20	32.00		
Cross Road-1								
Cross Road-2		1	32.00	3.60	0.20	23.04		
Cross Road-3		1	32.00	3.60	0.20	23.04		
Cross Road-4		1	32.00	3.60	0.20	23.04		
Cross Road-5		1	32.00	3.60	0.20	23.04		
Cross Road-6		1	32.00	3.60	0.20	23.04		
Cross Road-7		1	32.00	3.60	0.20	23.04		
Cross Road-8		1	32.00	3.60	0.20	23.04		
Cross Road-9		1	32.00	3.60	0.20	23.04		
		1	32.00	3.60	0.20	23.04		
						782.88	973.42	762071.05

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
KB M600-1 Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates 0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016, aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601 of MORTH V Revision and IS 456 Table-5, with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with Slip form paver with electronic sensor. (P.No-174, I No-22.1.1)								
Basic rate	3585.00							
Area Weightage 6%	215.10							
Total	3800.10							
	Cum							
Noor Nagar West Side								
Cr-1		1	40.00	3.50	0.15	21.00		
Cr-2		1	55.00	3.80	0.15	31.35		
Cr-3		1	60.00	4.00	0.15	36.00		
Cr-4		1	40.00	3.20	0.15	19.20		
Cr-5		1	35.00	3.00	0.15	15.75		
Cr-6		1	28.00	2.70	0.15	11.34		
Noor Nagar East Side								
Mn Rd		1	120.00	4.50	0.15	81.00		
LHS								
Cross Road-1		1	40.00	4.00	0.15	24.00		
Cross Road-2		1	40.00	4.00	0.15	24.00		
Cross Road-3		1	40.00	4.00	0.15	24.00		
Cross Road-4		1	40.00	4.00	0.15	24.00		
Cross Road-5		1	40.00	4.00	0.15	24.00		
Cross Road-6		1	40.00	4.00	0.15	24.00		
Cross Road-7		1	40.00	4.00	0.15	24.00		
Cross Road-8		1	40.00	4.00	0.15	24.00		
Cross Road-9		1	40.00	4.00	0.15	24.00		
RHS								
Cross Road-1		1	32.00	3.60	0.15	17.28		
Cross Road-2		1	32.00	3.60	0.15	17.28		
Cross Road-3		1	32.00	3.60	0.15	17.28		
Cross Road-4		1	32.00	3.60	0.15	17.28		
Cross Road-5		1	32.00	3.60	0.15	17.28		
Cross Road-6		1	32.00	3.60	0.15	17.28		
Cross Road-7		1	32.00	3.60	0.15	17.28		
Cross Road-8		1	32.00	3.60	0.15	17.28		
Cross Road-9		1	32.00	3.60	0.15	17.28		
						587.16	3800.10	2231266.72

Reinforcing on reinforced, plain cement concrete for pavements using Grade concrete M30 with
 at 300 kg/cum and coarse aggregate 0.69 cum, fine aggregate 0.46 cum, over a prepared base with
 coarse aggregate at 0.69 cum, fine aggregate at 0.46 cum. Coarse and fine aggregate conforming
 IS 9103-2008, with Superplasticizer at 3 lts conforming to IS 9103-2008 mixed in a concrete mixer of
 at least 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in
 approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film,
 weight steel plates including levelling the form work as per drawing) & spreading the concrete with
 shovel, rollers compacted using needle, screed and plate vibrator and finished with floaters in a
 continuous operation including provision of contraction, expansion, construction and longitudinal
 joints including groove cutting charges, joint filler, separation membrane of impermeable plastic sheet
 of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to
 lines and grades, textured with texturing machine, and curing including cost of all materials,
 labour, hire charges of machineries, all lead & lift charges etc., complete as per specifications. (P.No-
 176/No-22 & 1)

	Basic rate	4916.00						
	Area Weightage 6%	294.96						
	Total	5210.96						
	Cum							
New Nagar West Side								
Q1	1	40.00	3.50	0.15	21.00			
Q2	1	55.00	3.80	0.15	31.35			
Q3	1	60.00	4.00	0.15	36.00			
Q4	1	40.00	3.20	0.15	19.20			
Q5	1	35.00	3.00	0.15	15.75			
Q6	1	28.00	2.70	0.15	11.34			
New Nagar East Side								
Mn Rd	1	120.00	4.50	0.15	81.00			
LS								
Cross Road-1	1	40.00	4.00	0.15	24.00			
Cross Road-2	1	40.00	4.00	0.15	24.00			
Cross Road-3	1	40.00	4.00	0.15	24.00			
Cross Road-4	1	40.00	4.00	0.15	24.00			
Cross Road-5	1	40.00	4.00	0.15	24.00			
Cross Road-6	1	40.00	4.00	0.15	24.00			
Cross Road-7	1	40.00	4.00	0.15	24.00			
Cross Road-8	1	40.00	4.00	0.15	24.00			
Cross Road-9	1	40.00	4.00	0.15	24.00			
RHS								
Cross Road-1	1	32.00	3.60	0.15	17.28			
Cross Road-2	1	32.00	3.60	0.15	17.28			
Cross Road-3	1	32.00	3.60	0.15	17.28			
Cross Road-4	1	32.00	3.60	0.15	17.28			
Cross Road-5	1	32.00	3.60	0.15	17.28			
Cross Road-6	1	32.00	3.60	0.15	17.28			
Cross Road-7	1	32.00	3.60	0.15	17.28			
Cross Road-8	1	32.00	3.60	0.15	17.28			
Cross Road-9	1	32.00	3.60	0.15	17.28			
					587.16	5210.96	3059667.27	
Total Construction Cost							104733641.80	

Description of work	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Towards GST 12%								12568037.02
Tender Premium 5%								5236682.09
DPR & PMC Cost								2460000.00
Sub Total								124998360.91
Utility Shifting Miscellaneous and Rounding off								1,639.09
GRAND TOTAL								125000000.00

As per the inspection and works is found to be necessary.
 The work is within the Bruhat Bangalore Mahanagara Palike limits.
 The work is approved based on the PWD SR Bangalore circle for year 2018-2019,
 the rates used 21-10-2019 and Date Rates

[Signature]
 Asst. Engineer
 Project Division Yelahanka
 BBMP Bangalore

[Signature]
 Asst. Executive Engineer
 Project Division Yelahanka
 BBMP Bangalore

Executive Engineer
 Project Division Yelahanka
 BBMP Bangalore

Administrative Approval

Accorded For *Rs 125000000/-*
 Head of A/C *125000000/-*
 CER NO *125000000/-* Dt: *15/05/2021*
[Signature]
 E.E. (Project)

Technical Sanction

Accorded For *Rs 125000000/-*
 Head of A/C *125000000/-*
 CER NO *125000000/-* Dt: *12.06.2020*
[Signature]
 TA *[Signature]*
 CE (YK)